GRECO ROSEMARIE B

Form 4 March 12, 2009

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or Form 5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

See Instruction 1(b).

(Last)

(Instr. 3)

SECURITIES

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *

GRECO ROSEMARIE B

(First) (Middle)

1735 MARKET STREET

(Street)

2. Issuer Name and Ticker or Trading Symbol

SUNOCO INC [SUN]

3. Date of Earliest Transaction (Month/Day/Year)

03/10/2009

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Issuer

(Check all applicable)

X_ Director 10% Owner Officer (give title Other (specify

below)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Ownership

Form: Direct

(Instr. 4)

(D) or Indirect Beneficial

Person

5. Amount of

Securities

Owned

Beneficially

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

PHILADELPHIA, PA 19103-7583 (City) (State) (Zip)

1.Title of 2. Transaction Date 2A. Deemed Security

(Month/Day/Year) Execution Date, if

(Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

(Instr. 3, 4 and 5) (A)

or

Following Reported Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

7. Nature of

Ownership

(Instr. 4)

Indirect

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of 3. Transaction Date 3A. Deemed 5. Number of 6. Date Exercisable and 7. Title and Amount of 4 Derivative Conversion (Month/Day/Year) Execution Date, if TransactionDerivative **Expiration Date Underlying Securities** Security or Exercise Code Securities (Month/Day/Year) (Instr. 3 and 4) (Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) or

8

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	Derivative Security			Disposed of (Instr. 3, 4, 5)					
			Code	V (A)	(D) Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Phantom Stock	<u>(1)</u>	03/10/2009	A	240.096	(2)	(2)	Common Stock	240.096	\$
Deferred Share Units	<u>(1)</u>	03/10/2009	A	119.918	(2)	(2)	Common Stock	119.918	\$

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
GRECO ROSEMARIE B	v					
1735 MARKET STREET PHILADELPHIA, PA 19103-7583	X					

Signatures

/s/ John J. DiRocco, Jr., Attorney-in-Fact

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Conversion rate is 1 for 1.
- (2) Not Applicable
- (3) Total of 25,123.671 Phantom Stock Units beneficially owned following reported transaction, under Sunoco, Inc.'s Directors' Deferred Compensation Plans I and II.
- (4) Total of 12,458.918 Restricted Share Units beneficially owned following reported transaction, under Sunoco, Inc.'s Directors' Deferred Compensation Plans I and II.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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